Mountain Weather Forecast

South Grampian and Southeast Highlands

Including South and East Cairngorms National Park, Aberdeenshire and Angus Hills, Ben Vrackie, Ben Lawers, Loch Tay and Ochils
Forecast valid from 00:00 on Monday 10 Jan 2022 until 23:59 on Tuesday 11 Jan 2022

Forecast Issued on Sunday 09 Jan 2022 at 15:01 by Met Office Aberdeen

Confidence: High confidence in the forecast for the week, less confidence for cloud and rain amounts on Monday and the amount of snowmelt likely over the week with some periods of milder conditions. More settled conditions are forecast from Tuesday onwards.

Headline for Monday 10 Jan 2022: Southwesterly gales, cloudy at times, rain or sleet in the west, drier in the east.

Mountain weather hazards on Monday 10 Jan 2022

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales Medium Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Partly cloudy (night)	Light snow	Sleet	Light rain	Light rain	Heavy Rain	Cloudy
Precipitation probability							
10%	20%	50%	50%	60%	60%	60%	30%

Forecast for Monday 10 Jan 2022

Weather: A dry and very cold start for most of the ranges, perhaps more cloud in the west keeping temperatures up a little. Cloud will thicken and frontal rain will spread across from the west during the morning accompanied by strong south or southwesterly winds. Rain will be quite patchy in the east and will start as sleet and snow but freezing level will rise rapidly in the morning from 800m to 2000m, so precipitation will turn to rain at all levels. The west will see the heaviest rain and more low cloud and mist, with the Angus Glens and Glen Tanar mainly staying dry, there may even be a few cloud breaks here in the afternoon.

Chance of cloud free mountain/hill tops above 800m: 30% in the west 60% in the east, associated with frontal rain spreading east.

Visibility: Visibility will be moderate or good around day break but will become quite poor around western ranges around Loch Tay in rain and low cloud, bases from 400m and becoming quite extensive by late morning. Around the southern Cairngorms low cloud will be more broken above 500m and further east around the Angus Glens it will be scattered around 700m. Cloud will lift and clear from the west later but probably not until after dusk.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Monday 10 Jan 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
1100	11/14 S	20/26 S	26/37 S	38/50 S	39/50 S	40/50 S	35/45 SW	30/39 W	30/39 SW
900	10/14 S	17/23 S	21/33 S	29/41 S	29/40 S	28/38 S	24/34 SW	21/29 W	21/31 SW
600	4/6 SE	6/11 S	11/22 S	19/36 S	21/36 S	18/33 S	14/27 SW	13/25 W	14/27 SW
300	1/3 SW	2/4 E	3/9 S	5/11 S	8/14 SE	8/14 W	7/14 NW	7/17 W	6/15 W
Glen	2/5 W	2/5 SW	5/12 SW	6/14 SW	6/14 SW	7/17 SW	9/21 SW	7/16 W	7/14 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
1100	-2/-7	-1/-8	-1/-9	-1/-10	1/-8	2/-6	2/-5	-2/-10	-3/-12
900	-1/-6	0/-6	0/-7	1/-7	2/-5	3/-4	3/-3	0/-6	-1/-8
600	-3/-6	0/-3	1/-3	2/-4	2/-3	4/-1	5/1	2/-2	1/-4
300	-3/-5	-1/-3	1/-1	2/0	3/0	4/2	6/3	4/2	2/-0
Glen	-1/-3	-0/-2	2/-0	3/1	4/2	5/3	6/4	6/3	3/0
Freezing Level*	200m	300m	700m	1600m	2100m	2100m	1800m	1000m	700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Met Office Aberdeen Meteorologist's View

A very cold start with a sharp frost and significant windchill developing as winds strengthen to gales during the morning, even in the milder air it will feel cold. Note the freezing level will lift above summits but fall again later but it will allow the snow to soften a little and some melting to occur.

Forecast for Tuesday 11 Jan 2022

Weather: A dry day for most ranges, perhaps one or two wintry showers affecting the western hills. A lot of bright and dry weather for hillwalkers especially for eastern ranges, perhaps more in the way of cloud for the west. A significant wind chill can be expected in the strong southwesterly winds.

Maximum wind: Southwesterly 20mph gusts 35mph.

Chance of cloud free mountain/hill tops above 800m: 80%, some low cloud in the west.

Visibility: Very good visibility for most ranges except perhaps the west around the Loch Tay and Glen Lyon munros where some lower cloud may set in around 700m, this will break at times, in the east around the Loch Muick munros good views should be found with just patchy low cloud around 800m.

Temperature: **Glens:** Zero rising to 6 Celsius falling to 3 Celsius later.
At 800m: Minus 1 rising to plus 2 Celsius
Freezing level: 800m rising to 1200m later.

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